

## ABSTRACT OF THE DISCLOSURE

A rotating table apparatus using a cam mechanism and having a higher precision than a conventional rotating table is realized. A rotating table apparatus having a driven shaft supported by a housing and driven by a driving means, and a rotating table which is rotatingly driven by said driven shaft using a cam and cam followers, wherein the rotating table apparatus has an opposing surface which opposes an end surface of the rotating table in a direction along a rotation shaft of said rotating table, and oil is intervened in between the opposing surface and said end surface.